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AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A method of performing an abbreviated point-to-point protocol (PPP) negotiation comprising the steps of:

pre-storing a first user profile in a first database of a first-peer mobile station (MS) and in a second database of a second-peer packet data service node (PDSN), the first pre-stored user profile including at least one pre-negotiated PPP parameter representing a suggested set of PPP-related parameters and wherein the first user profile is stored prior to performing the abbreviated PPP negotiation;

initiating the abbreviated point-to-point protocol negotiation by sending an option identifying the first pre-stored user profile by the first-peer MS to the second-peer PDSN;

retrieving the first pre-stored user profile by the first-peer MS and the second-peer PDSN in response to agreement by the peers MS and the PDSN on the first pre-stored user profile; and

setting of a state machine of the first-peer MS and a state machine of the second-peer PDSN in accordance with the first pre-stored user profile.

2. (Original) The method of claim 1 wherein the step of sending the option identifying the first user profile is performed as part of a link control protocol negotiation.

3. (Original) The method of claim 1 wherein the step of sending the option identifying the second pre-stored user profile is performed as part of a link control protocol negotiation.

4. (Currently amended) The method of claim 1 wherein the step of sending the option is performed in response to an inter-packet-data-service-node handover of one of the peers MS and the PDSN.

5. (Currently amended) The method of claim 1 wherein the step of sending the option is performed in response to one of the peers MS and the PDSN initiating a new PPP session.

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6. (Currently amended) The method of claim 1 wherein the step of setting of the state machine of the first-peer MS and of the state machine of the second-peer PDSN in accordance with the first pre-stored user profile obviates a need for any further point-to-point protocol negotiation between the first-peer MS and the second-peer PDSN.

7. (Currently amended) The method of claim 1 wherein the agreement by the peers MS and the PDSN on the first pre-stored user profile comprises each of the peers MS and the PDSN acknowledging that the first pre-stored user profile is acceptable.

8. (Currently amended) The method of claim 1 further comprising the steps of: determining whether the second-peer PDSN supports the first pre-stored user profile;

determining whether each of the at least one parameter of the first pre-stored user profile is acceptable to the second-peer PDSN responsive to a determination that the second-peer PDSN supports the first pre-stored user profile; and

responsive to a determination that each of the at least one parameter of the first pre-stored user profile is acceptable to the second-peer PDSN, the first-peer MS and the second-peer PDSN agreeing on the first pre-stored user profile.

9. (Currently amended) The method of claim 8 further comprising the steps of:
:

rejecting by the second-peer PDSN of the first pre-stored user profile responsive to a determination that the second-peer PDSN does not support the first pre-stored user profile; and

performing a full point-to-point protocol negotiation in response to the rejection by the second-peer PDSN of the first pre-stored user profile.

10. (Currently amended) The method of claim 8 wherein the step of setting of the state machine of the first-peer MS and of the state machine of the second-peer PDSN

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in accordance with the second pre-stored user profile obviates a need for any further point-to-point protocol negotiation between the first-peer MS and the second-peer PDSN.

11. (Currently amended) The method of claim 8 further comprising the steps of: determining whether the second-peer PDSN has a second pre-stored user profile similar to the first pre-stored user profile responsive to a determination that at least one of the at least one parameter of the first pre-stored user profile is not acceptable to the second-peer PDSN; and

 sending an option identifying the second pre-stored user profile by the second-peer PDSN to the first-peer MS responsive to a determination that the second-peer PDSN has the second pre-stored user profile.

12. (Currently amended) The method of claim 11 further comprising the steps of:

 rejecting by the second-peer PDSN of the second pre-stored user profile responsive to a determination that the second-peer PDSN does not have a third pre-stored user profile similar to the first pre-stored user profile; and

 performing a full point-to-point protocol negotiation in response to the rejection by the second-peer PDSN of the second pre-stored user profile.

13. (Currently amended) The method of claim 11 wherein the step of sending the option identifying the second pre-stored user profile is performed as part of a link control protocol negotiation.

14. (Currently amended) The method of claim 11 wherein the step of setting of the state machine of the first-peer MS and of the state machine of the second-peer PDSN in accordance with the second pre-stored user profile obviates a need for any further point-to-point protocol negotiation between the first-peer MS and the second-peer PDSN.

15. (Currently amended) The method of claim 11 further comprising the steps of:

 determining whether the second pre-stored user profile is acceptable to the first-peer MS;

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retrieving the second pre-stored user profile by the ~~first-peer~~ MS and the ~~second-peer~~ PDSN in response to agreement by the ~~peers~~ MS and the PDSN on the second pre-stored user profile; and

setting of the state machine of the ~~first-peer~~ MS and the state machine of the ~~second-peer~~ PDSN in accordance with the second pre-stored user profile.

16. (Currently amended) The method of claim 15 wherein the agreement by the ~~peers~~ MS and the PDSN on the second pre-stored user profile comprises each of the ~~peers~~ MS and the PDSN acknowledging that the second pre-stored user profile is acceptable.

17. (Currently amended) The method of claim 15 further comprising the steps of:

determining whether the ~~second-peer~~ PDSN has a third profile similar to the first pre-stored user profile responsive to a determination that the second pre-stored user profile is not acceptable to the ~~first-peer~~ MS;

sending an option identifying the third pre-stored user profile by the ~~second-peer~~ PDSN to the ~~first-peer~~ MS responsive to a determination that the ~~second-peer~~ PDSN has the third pre-stored user profile;

determining whether the third pre-stored user profile is acceptable to the ~~first-peer~~ MS;

retrieving the third pre-stored user profile by the ~~first-peer~~ MS and the ~~second-peer~~ PDSN in response to agreement by the ~~peers~~ MS and the PDSN on the third pre-stored user profile; and

setting of a state machine of the ~~first-peer~~ MS and a state machine of the ~~second-peer~~ PDSN in accordance with the third pre-stored user profile.

18. (Currently amended) The method of claim 17 wherein the agreement by the ~~peers~~ MS and the PDSN on the third pre-stored user profile comprises each of the ~~peers~~ MS and the PDSN acknowledging that the third pre-stored user profile is acceptable.

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19. (Currently amended) A wireless communication system for providing packet data services between a first-peer mobile station (MS) and a second-peer packet data service node (PDSN), the system comprising:

a first-peer MS engaging in negotiation of a point-to-point protocol (PPP) session and having a first database storing a first user profile that includes at least one pre-negotiated PPP parameter represents a suggested set of PPP-related parameters, the first user profile stored in the first database being linked to an option and wherein the first user profile is stored prior to engage the PPP session; and

a second-peer PDSN engaging in the negotiation with the first-peer MS and having a second database storing the first user profile, the first user profile stored in the second database being linked to the option, wherein the first-peer MS sends the option to the second-peer PDSN and, if the peers MS and the PDSN agree on the first user profile, the first user profile is retrieved from the first database and the second database and a state machine of the first-peer MS and a state machine of the second-peer PDSN are set in accordance with the first user profile.

20. (Currently amended) The system of claim 19 wherein the first-peer MS sends the option as part of a link control protocol negotiation.

21. (Currently amended) The system of claim 19 wherein the state machine of the first-peer MS and the state machine of the second-peer PDSN being set in accordance with the first user profile obviates a need for any further point-to-point protocol negotiation between the first-peer MS and the second-peer PDSN.

22. (Currently amended) The system of claim 19 wherein the negotiation of the PPP session is performed in response to an inter-packet-data-service-node handover of one of the peers MS and the PDSN.

23. (Currently amended) The system of claim 19 wherein the negotiation of the PPP session is performed in response to one of the peers MS and the PDSN initiating a new PPP session.

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24. (Currently amended) The system of claim 19 wherein the peers MS and the PDSN agreement on the first user profile comprises each of the peers MS and the PDSN acknowledging that the first user profile is acceptable.

25. (Currently amended) The system of claim 19 wherein, if the first user profile is not acceptable to the ~~second peer~~ PDSN, the ~~second peer~~ PDSN sends a second option identifying a second user profile to the first peer.

26. (Currently amended) The system of claim 25 wherein the ~~second peer~~ PDSN sends the second user profile in accordance with a link control protocol negotiation.

27. (Currently amended) The system of claim 25 wherein, if the peers MS and the PDSN agree on the second user profile, each of the peers MS and the PDSN retrieves the second user profile and the state machine of the ~~first peer~~ MS and the state machine of the ~~second peer~~ PDSN are set in accordance with the second user profile.

28. (Currently amended) The system of claim 27 wherein the peers MS and the PDSN agreement on the second user profile comprises each of the peers MS and the PDSN acknowledging that the second user profile is acceptable.

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